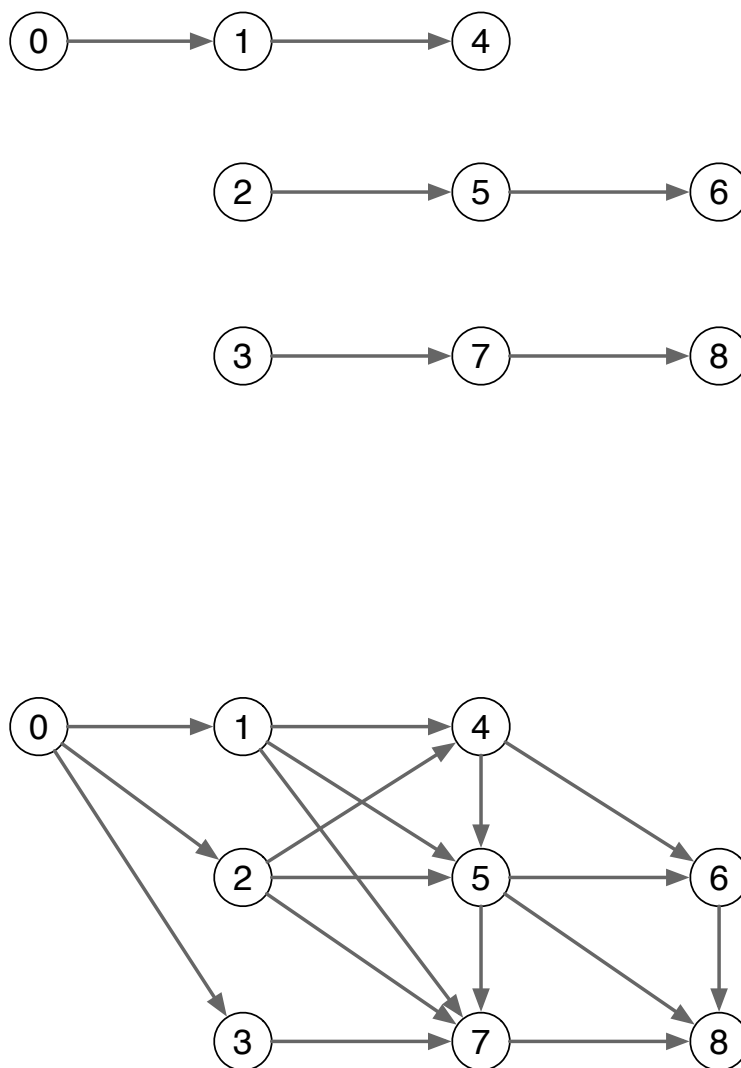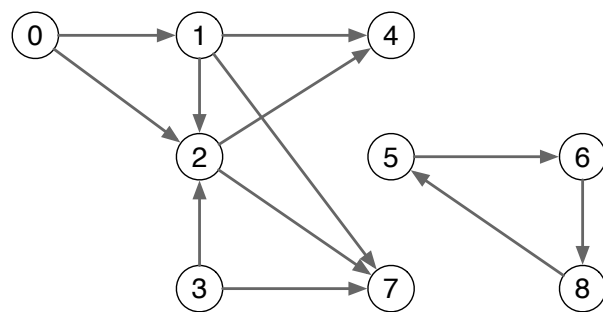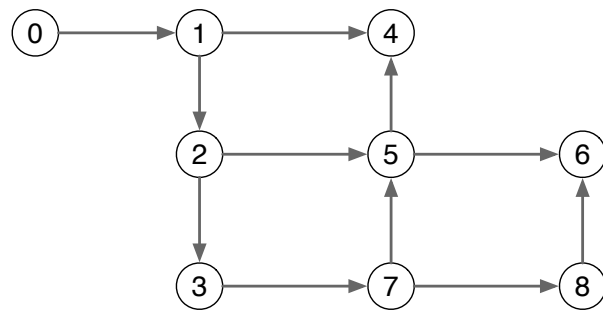# Homework

due November 17, 2020

Write a program that creates a directed graph internally represented by an adjacency list. The user creates the graph by entering edges as ordered pairs. The vertices are numbered 0, 1, 2, … .

Then implement the first topological sort algorithm from the lecture. Your program should either return a topological sort of the vertices or should return a cycle.

At the minimum, test your program on the following graphs:

Hand-in:

.py file with your code

pdf file with the results of your tests